

Title (en)
ROOFING COVER BOARD, ROOFING PANEL COMPOSITE, AND METHOD

Title (de)
DACHABDECKPLATTE, DACHPLATTENVERBUND UND ENTSPRECHENDES VERFAHREN

Title (fr)
PLAQUE DE REVETEMENT DE TOITURE, COMPOSITE DE PANNEAU DE TOITURE, ET PROCEDE CORRESPONDANT

Publication
EP 1815079 A4 20091021 (EN)

Application
EP 05849184 A 20051107

Priority
• US 2005040104 W 20051107
• US 98412204 A 20041109

Abstract (en)
[origin: US2006096205A1] A prefabricated cover board has a high-density polymer or predominantly polymer material core layer having a density between 6 lbs/ft³and 25 lbs/ft³. A prefabricated roofing panel composite includes the cover board and an insulation board that has a low-density polymer or predominantly polymer material foam core layer having a density less than 6 lbs/ft³. The cover board may have a waterproofing membrane forming the top major surface of the cover board. When making the roofing panel composite, the low-density foam core layer of the insulation board may be formed with the high-density core layer of the cover board being currently or subsequently formed over and bonded to a top major surface of the low-density foam core layer in the same operation or preformed insulation boards may be fed into a production line with the high-density core layer of the cover board being formed over and bonded to top major surfaces of the low-density foam core layers of the insulation boards.

IPC 8 full level
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CPC (source: EP US)
B29C 44/24 (2013.01 - EP US); **B29C 44/326** (2013.01 - EP US); **B29D 99/001** (2013.01 - US); **B32B 5/022** (2013.01 - US); **B32B 5/18** (2013.01 - US); **B32B 5/24** (2013.01 - US); **B32B 7/02** (2013.01 - EP US); **B32B 27/32** (2013.01 - US); **B32B 27/40** (2013.01 - US); **B32B 27/42** (2013.01 - US); **E04C 2/205** (2013.01 - US); **E04C 2/284** (2013.01 - US); **E04C 2/296** (2013.01 - EP US); **E04D 3/18** (2013.01 - US); **E04D 3/351** (2013.01 - US); **E04D 3/352** (2013.01 - EP US); **E04D 3/354** (2013.01 - EP US); **E04D 12/00** (2013.01 - EP); **B29K 2075/00** (2013.01 - EP US); **B32B 2038/0084** (2013.01 - US); **B32B 2262/101** (2013.01 - US); **B32B 2307/72** (2013.01 - US); **B32B 2419/06** (2013.01 - US); **Y10T 156/10** (2015.01 - EP US); **Y10T 428/24331** (2015.01 - EP US); **Y10T 428/24967** (2015.01 - EP US); **Y10T 428/24992** (2015.01 - EP US); **Y10T 428/249953** (2015.04 - EP US); **Y10T 428/24998** (2015.04 - EP US); **Y10T 428/249987** (2015.04 - EP US); **Y10T 428/249989** (2015.04 - EP US)

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Designated contracting state (EPC)
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